

FIG. 1

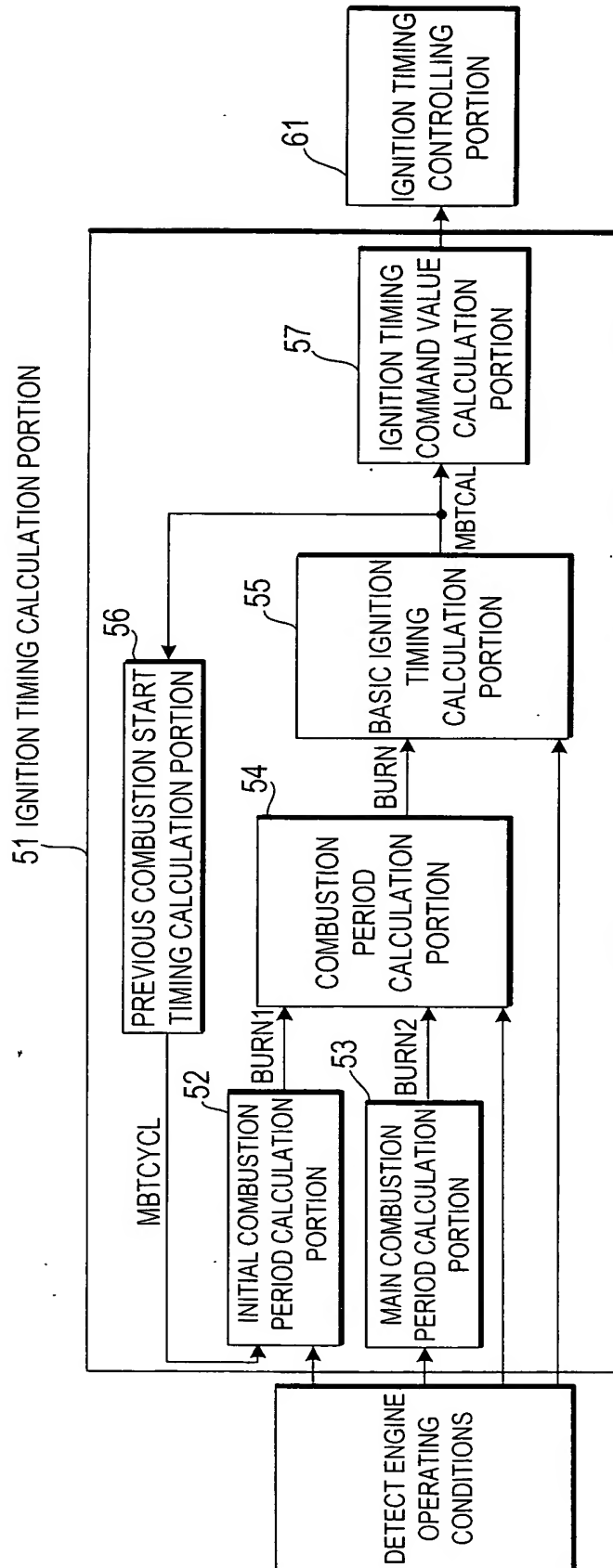


FIG. 2

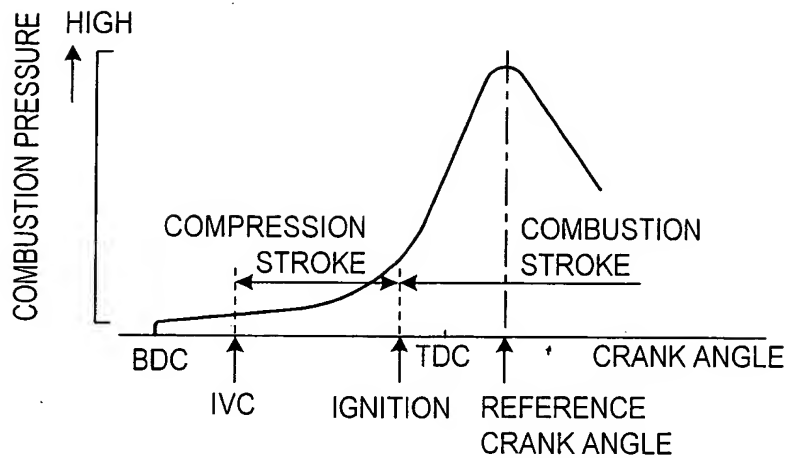


FIG. 3

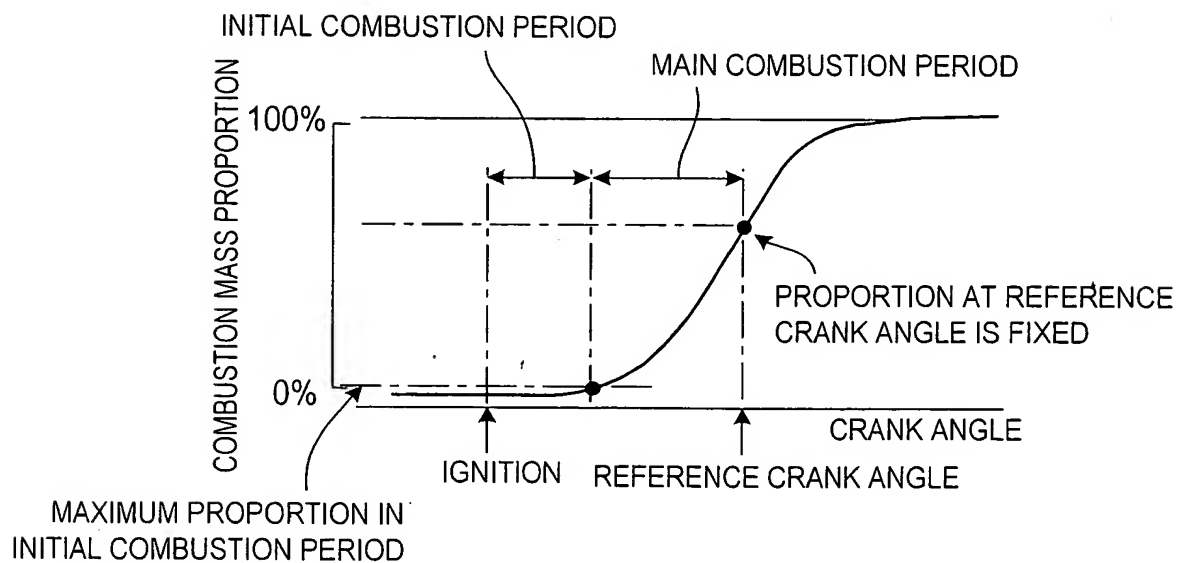


FIG. 4

CALCULATION OF PHYSICAL QUANTITY VALUES

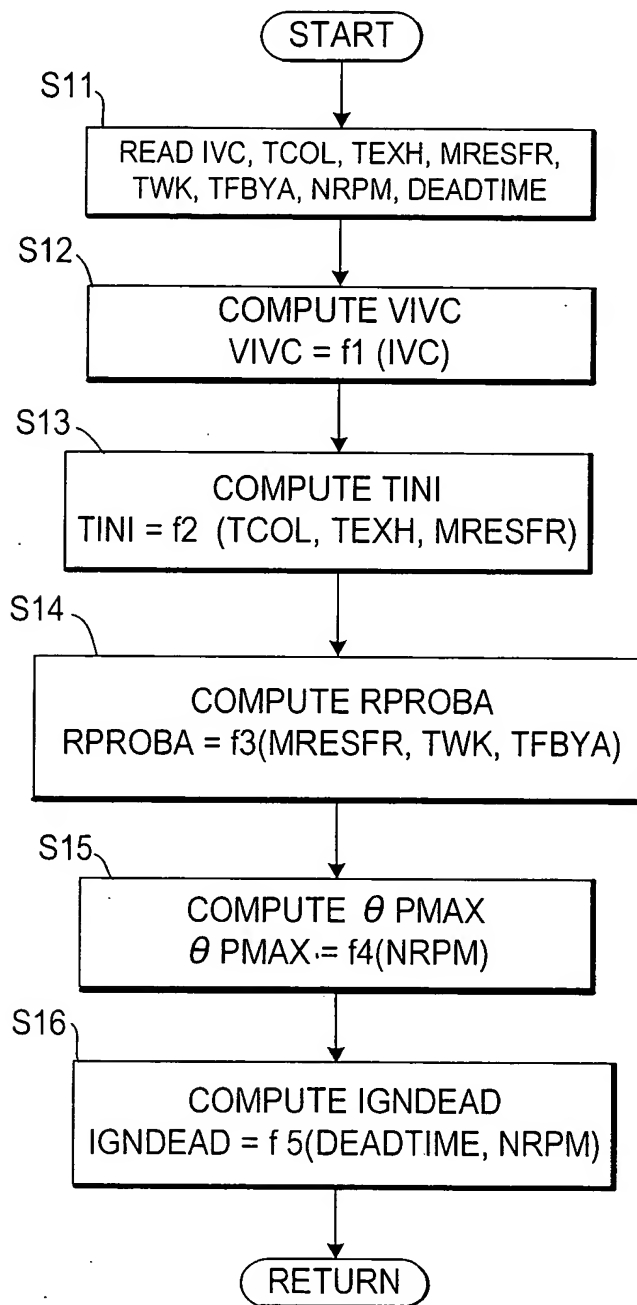


FIG. 5

FIG. 6

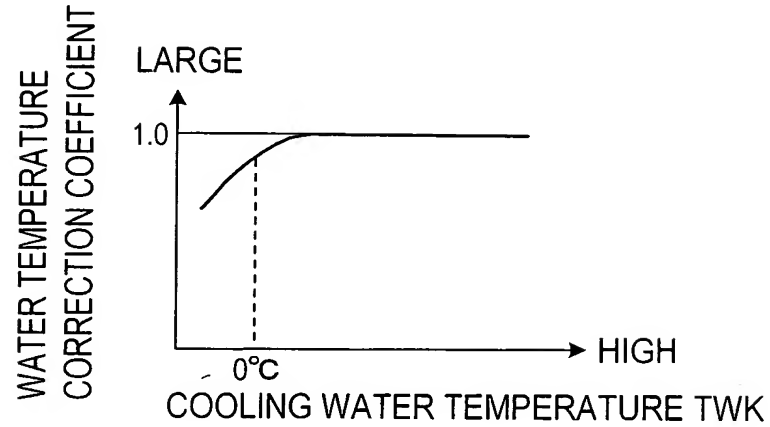


FIG. 7

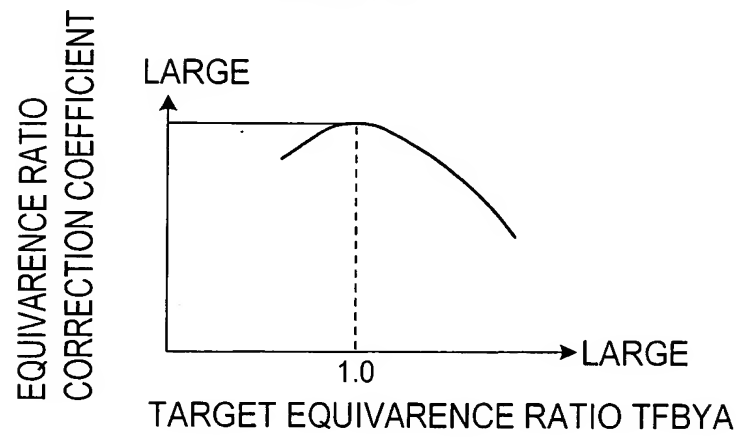


FIG. 8

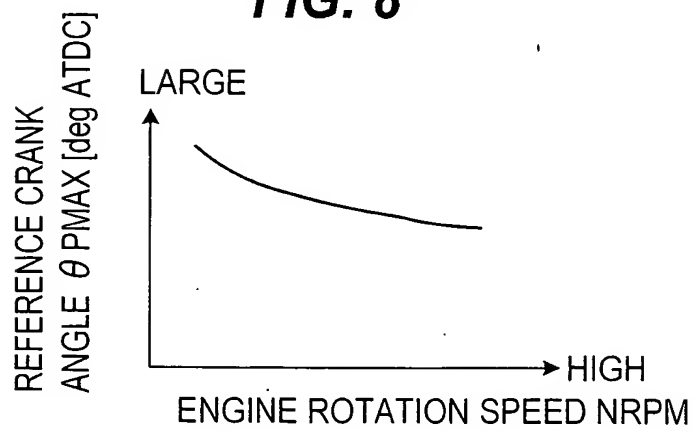


FIG. 9

COMPUTATION OF INITIAL COMBUSTION PERIOD BURN1

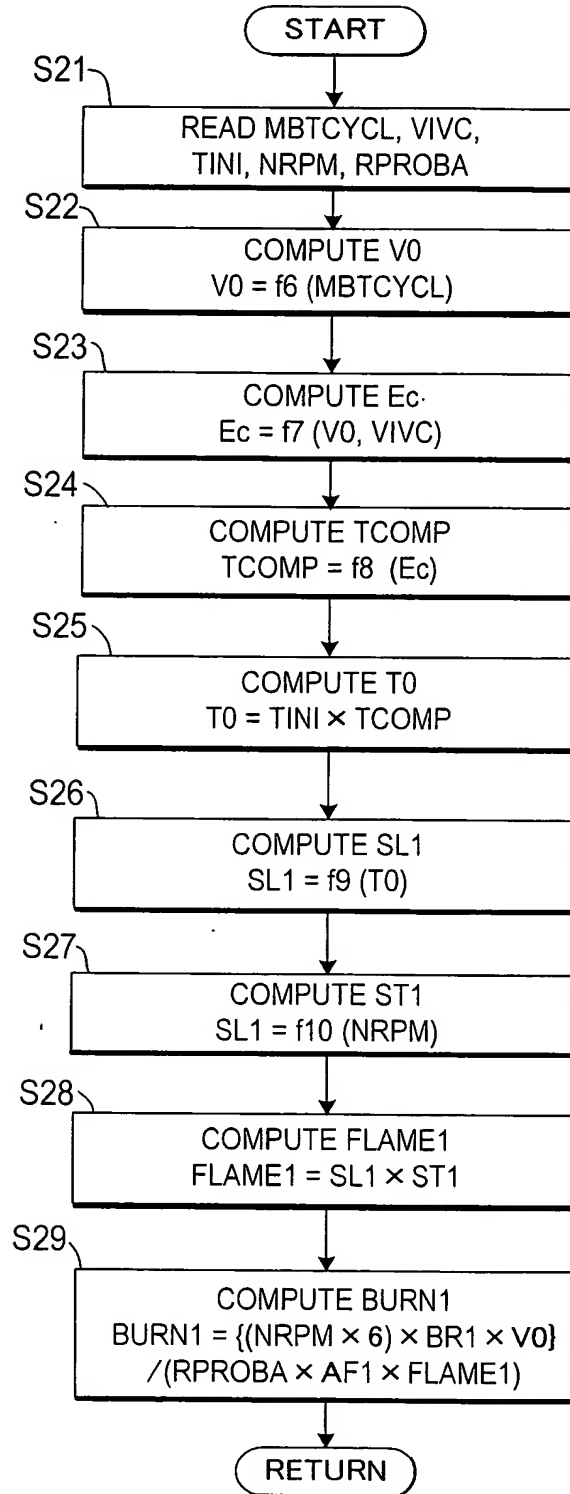


FIG. 10

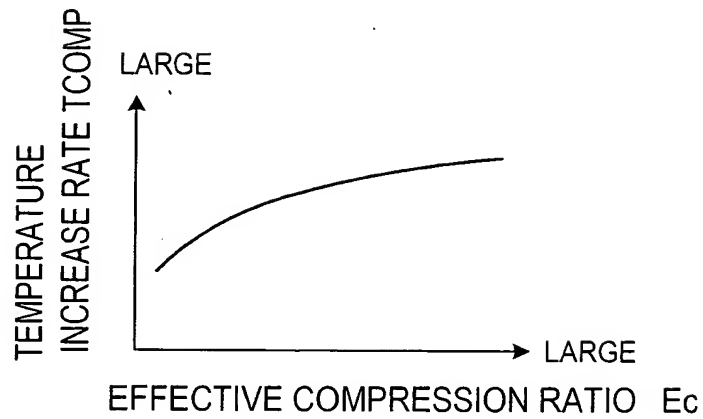


FIG. 11

COMPUTATION OF MAIN COMBUSTION PERIOD BURN2

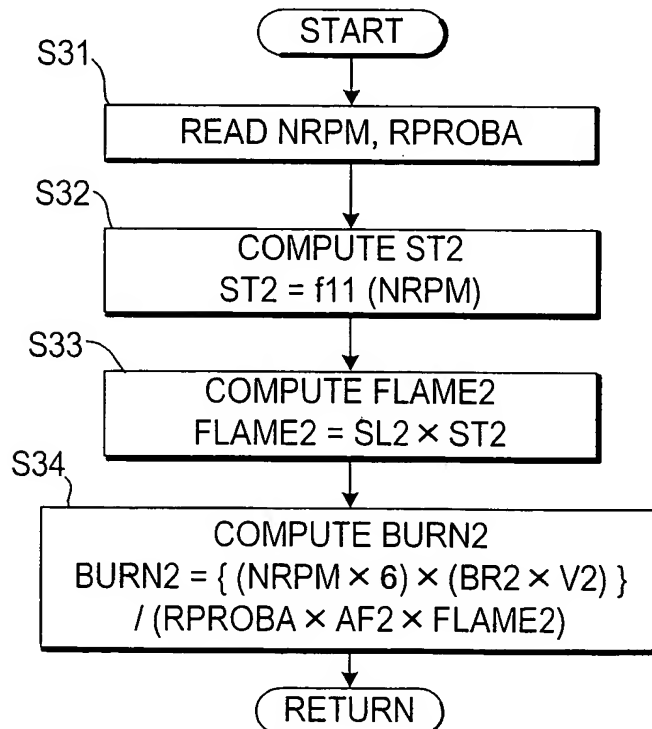


FIG. 12

COMPUTATION OF BASIC IGNITION TIMING MBTCAL

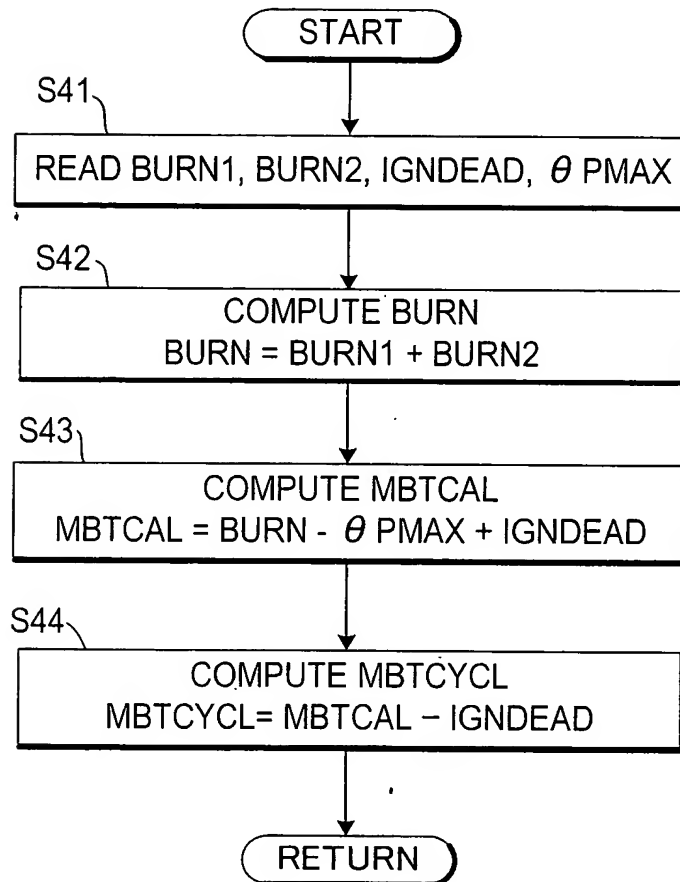


FIG. 13

COMPUTATION OF IGNITION TIMING USING COMBUSTION SPEED

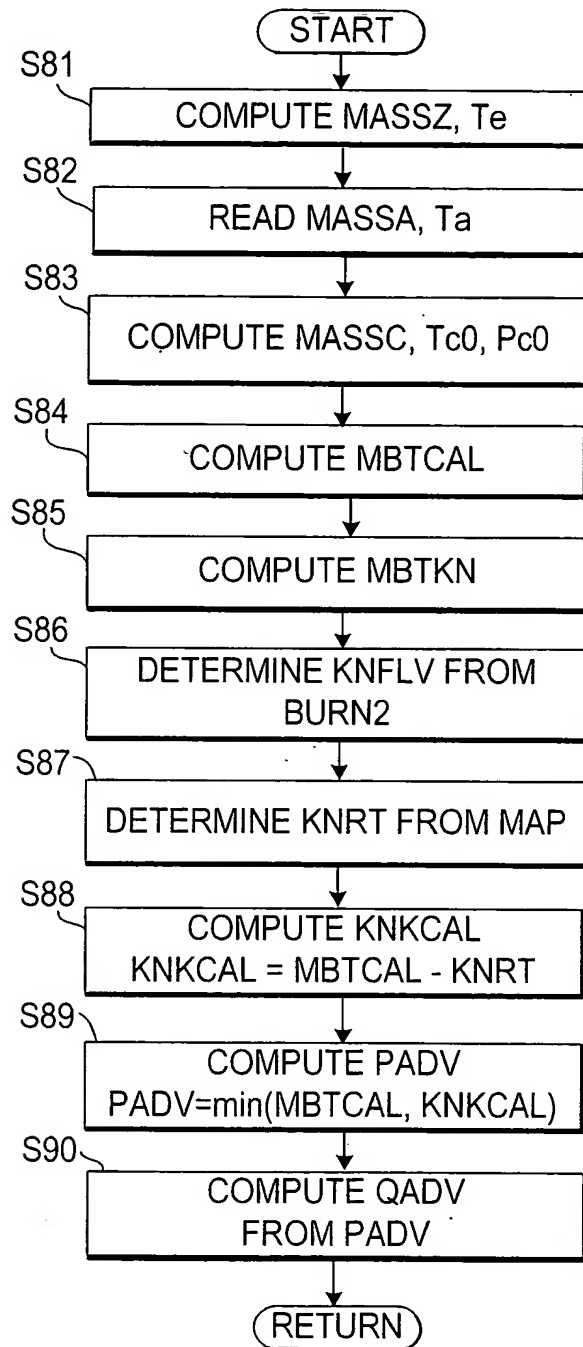


FIG. 14

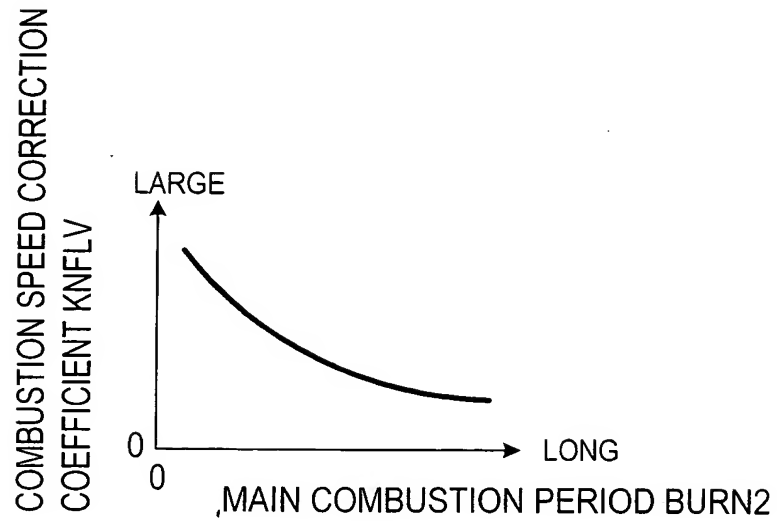


FIG. 15

KNRT: RETARDATION AMOUNT

KNRT MAP

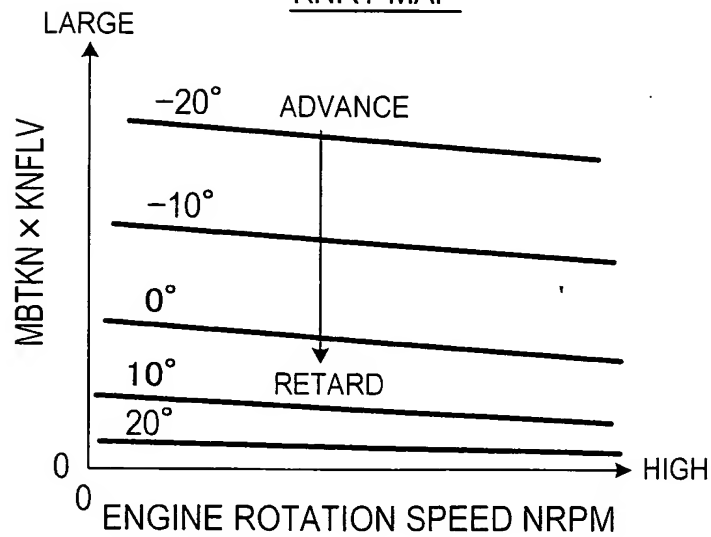


FIG. 16

FIG. 17A

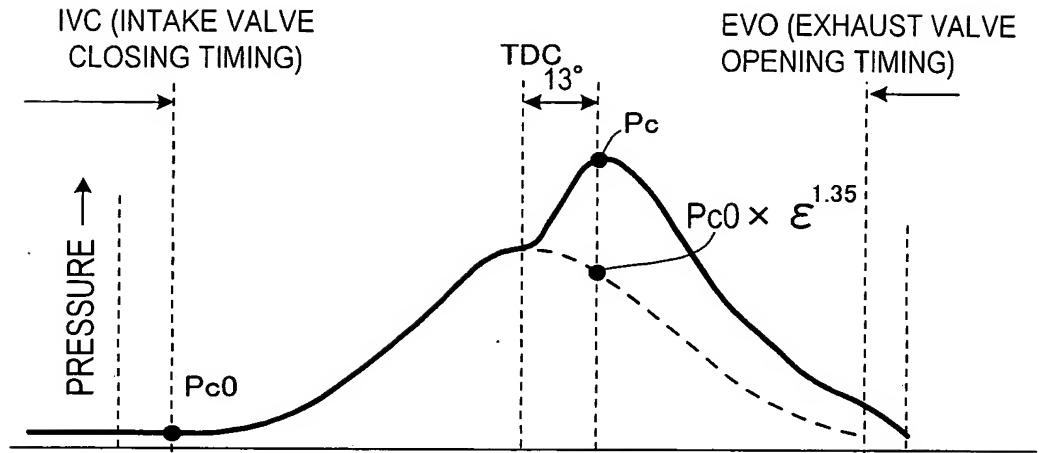


FIG. 17B

